

DIN EN ISO 16474-2:2022-11 (E)

**Paints and varnishes - Methods of exposure to laboratory light sources - Part 2:
Xenon-arc lamps (ISO 16474-2:2013 + Amd.1:2022) (includes Amendment A1:2022)**

Contents

	Page
Foreword	3
Annex A European foreword to Amendment A1 Annex A	4
Annex A Foreword to Amendment 1 Annex A	5
Introduction	6
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 Principle	8
5 Apparatus	9
5.1 Laboratory light source	9
5.2 Test chamber	10
5.3 Radiometer	11
5.4 Black-standard/black-panel thermometer	11
5.5 Wetting and humidity-control equipment	11
5.6 Specimen holders	11
5.7 Apparatus to assess changes in properties	12
6 Test specimens	12
7 Exposure conditions	12
7.1 Radiation	12
7.2 Temperature	12
7.3 Relative humidity of chamber air	13
7.4 Spray cycle	14
7.5 Cycles with dark periods	14
7.6 Sets of exposure conditions	15
8 Procedure	15
8.1 General	15
8.2 Mounting the test specimens	15
8.3 Exposure	15
8.4 Duration of test	16
8.5 Measurement of radiant exposure	16
8.6 Determination of changes in properties after exposure	16
9 Test report	16
Annex A (informative) Filtered xenon-arc radiation — Spectral power distribution	17
Annex B (normative) Additional exposure cycles	19
Annex C (normative) Additional exposure cycles Annex A	21
Bibliography	24